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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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Mikkola Matti

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EXAMINER

LEVI, DAMEON E

ART UNIT

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MAIL DATE

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PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/510,443	Applicant(s) MATTI ET AL.	
	Examiner DAMEON E. LEVI	Art Unit 2841	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE ____ MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☐ Claim(s) ____ is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☐ Claim(s) ____ is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date ____. | 6) <input type="checkbox"/> Other: ____. |

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

Claims 19,20, and 22-29 are rejected under 35 U.S.C. 102(e) as being anticipated by Chuang et al US Patent 7557781.

Regarding claim 19, Chuang discloses an apparatus comprising:

a plastic object(element 14, Figs 3-8) of a homogeneous material the plastic object including:

a first surface(element 141, Figs 3-8) which comprises a hollow(element 15, Figs 3-8) having a shape of a symbol, wherein a portion of the first surface forming the hollow is configured to transmit light emitted by a light source(element 12, Figs 3-8); and a

second surface(element 142, Figs 3-8) located on the opposite side of the plastic object

Art Unit: 2841

with respect to said first surface, wherein the symbol is visually perceptible through the second surface when light is emitted from a side that said first surface faces(Figs 3-8), wherein the first and second surfaces(element 141, 142, Figs 3-8) are formed of a homogenous material and wherein the hollow(element 15, Figs 3-8) does not extend to the second surface, and wherein said second surface is configured to reflect light(Figs 3-8).

Regarding claim 20, Chuang discloses wherein the plastic object comprises a homogeneous plastic molded material(element 14,Figs 3-8).

Regarding claim 22, Chuang discloses wherein the hollow comprises a recess in the first surface and wherein a first thickness between the first and second surfaces outside of the hollow is greater than a second thickness between the first and second surfaces in the hollow(element 15,Figs 3-8).

Regarding claim 23, Chuang discloses wherein the first and second surfaces and the hollow are integrally formed of the homogenous material(element 141, 142,15Figs 3-8).

Regarding claim 24, Chuang discloses wherein the hollow comprises a recess in the first surface and wherein a first thickness between the first and second surfaces outside of the hollow is greater than a second thickness between the first and second surfaces in the hollow(element 15,Figs 3-8).

Regarding claim 25, Chuang discloses wherein the first and second surfaces and the hollow are integrally formed of the homogenous material(element 141, 142,15,Figs 3-8).

Regarding claim 26, Chuang discloses an apparatus comprising:

Art Unit: 2841

a first surface(element 141, Figs 3-8) comprising a recess(element 15,Figs 3-8) having a shape of a symbol, wherein a portion of the first surface forming the recess is configured to transmit light emitted by a light source(element 12,Figs 3-8); and a second surface (element 142, Figs 3-8)located on an opposite side of the object with respect to said first surface, wherein the symbol is visually perceptible through the second surface when light is emitted from a side that said first surface faces(Figs 3-8), wherein the first and second surfaces are formed of a homogenous material and wherein the recess does not extend to the second surface(element 141, 142,15,Figs 3-8) ,and wherein said second surface is configured to reflect light(Figs 3-8).

Regarding claim 27, Chuang discloses wherein the first and second surfaces comprise a homogeneous plastic material(element 141, 142, Figs 3-8).

Regarding claim 28, Chuang discloses wherein the first and second surfaces and the recess are integrally formed(element 141, 142,15,Figs 3-8).

Regarding claim 29, Chuang discloses wherein a first thickness between the first and second surfaces outside of the recess is greater than a second thickness between the first and second surfaces in the recess(element 141, 142,15,Figs 3-8).

Additional Comments Regarding The Claims

Regarding recitations throughout the claims that an element is 'configured to' perform a function, it is the position of the Office that such recitations are not deemed as being positive limitations, and thus, only requires the ability to so perform. In this case, the prior art of record is broadly construed by the Office as at least possessing such ability.

Allowable Subject Matter

Claims 8,11,13 are allowable.

The following is an examiner's statement of reasons for allowance:

Regarding independent claim 8, in the context of the claimed invention, the pertinent prior art cannot be reasonably construed as adequately teaching or suggesting wherein said plastic object is formed of a homogeneous plastic molded material comprising a polycarbonate compound which further comprises a first polycarbonate material and a second polycarbonate material substantially in equal amounts.

Claims 21 is objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

The following is a statement of reasons for the indication of allowable subject matter:

Regarding dependent claim 21, in the context of the claimed invention, the pertinent prior art, when taken alone, or, in combination, does not fairly teach or suggest a first and second polycarbonate compounds substantially in equal amounts.

Response to Arguments

Applicant's arguments submitted in the Pre-Appeal Request for Review with respect to claims 8,11,13 and 19-29 have been considered and were persuasive.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to DAMEON E. LEVI whose telephone number is (571)272-2105. The examiner can normally be reached on Mon.-Thurs. (9:00 - 5:00) IFP, Fridays Telework.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jinhee Lee can be reached on (571) 272-1977. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Dameon E Levi
Primary Examiner
Art Unit 2841

/Dameon E Levi/
Primary Examiner, Art Unit 2841

Application/Control Number: 10/510,443
Art Unit: 2841

Page 7